

ANNEX I

PUBLIC WORKS

I. PURPOSE

The purpose of this annex is to organize local public works resources in such a way that they will be able to repair and restore essential public facilities and services (including private utilities), remove debris, inspect damaged structures, as well as perform numerous other tasks essential to an effective emergency response.

II. SITUATION AND ASSUMPTIONS

A. Situation

1. "Public Works," for the purposes of this plan, refers to electric, natural gas, water, streets, roads, bridges, sewer, sanitation and telephone service.
2. Streets/Roads/Bridges - The Christian County Road & Bridge Department and various Special Road Districts each maintain their respective roads and bridges in the unincorporated areas of the county (Equipment and contact numbers are located in the Resource Section of the Incident Management Guide). City street departments maintain municipal streets; and the State maintains state roads and bridges.
3. Water/Sewer - Municipal water and sewer service is provided in the communities of Billings, Clever, Nixa, Ozark, Highlandville, and Sparta. The county does not have any public water supply districts. Residents out in the county rely primarily on private wells.
4. Electric - Electric service in the county and municipalities is provided by Empire District Electric Co., White River Valley, and Ozark Electric.
5. Telephone - Telephone service within the county and municipalities is provided by CenturyTel and Southwestern Bell.
6. Natural Gas – Natural Gas Service in Christian County is from Missouri Gas Energy, Springfield City Utilities and KPL.
7. Sanitation - Trash hauling in the county and municipalities is provided by private contractors.
8. Equipment inventories for the road districts and municipal public works departments are listed in Recourse and Database Sections of the Incident Management Guide.

B. Assumptions

1. When a disaster occurs, local public works department(s) will not have adequate resources to deal with all potential problems immediately, and will have to assign tasks on a priority basis.
2. Private resources are available in the county to assist in public works activities.
3. Outside assistance (including state and federal) will respond when called upon but their ability to react may be limited.

III. CONCEPT OF OPERATIONS

- A. During an emergency, the County Commission will coordinate activities from the EOC and maintain contact with the Incident Commander (see the Basic Plan, Emergency Control Procedures).
- B. Following any disaster, the public works section will be a major participant in the damage assessment activities described in Annex D.
- C. In the event of an earthquake or other natural disaster, Chapter 49 RSMo allows volunteer architects and professional engineers, construction contractors, equipment dealers and other owners and operators of construction equipment to volunteer the use of their services and equipment.
- D. Under Chapter 49, the enrolled volunteers will assist local jurisdictions and local building inspectors to provide essential demolition, cleanup or other related services and to determine whether buildings affected by the disaster have not sustained serious damage and may be occupied, must be vacated temporarily, or should be demolished.
- E. The public works personnel and equipment will be used for heavy rescue operations. They will coordinate their efforts with the Fire and Rescue operations

IV. ORGANIZATION AND RESPONSIBILITIES

A. Organization

A diagram of the Public Works function is shown in [Appendix 1 to this annex](#).

B. Responsibilities

1. The following individuals/departments have the primary responsibility to coordinate Public Works in their jurisdiction:
 - a. The Christian County Road & Bridge Supervisor will coordinate Public Works activities in Christian County. The Supervisor reports directly to the County Commission who oversees and direct the activities.

- b. Each municipal public works department and Special Road Districts will be responsible for such operations in their respective jurisdictions.
2. The Public Works Coordinator / Special Road Districts along with emergency management director have the following specific tasks:
- a. Develop/maintain SOPs that address public works responsibilities and needs.
 - b. Maintain resource list of equipment, personnel, etc. (Located in the Resource Section of the Incident Management Guide).
 - c. Establish agreements of understanding with area architects, engineers, construction contractors, equipment dealers and other private resources that can support public works to include:
 - i. WMD Awareness
 - ii. Haz-Mat Awareness
 - iii. Damage Assessment
 - d. Provide IMS and NIMS training for public works personnel.
 - e. Provide for debris removal.
 - f. Establish a potable water supply for use in an emergency.
 - g. Make emergency road and bridge repairs, close roads, establish detours, and construct barricades.
 - h. Provide sanitation services or coordinate with private contractors that provide this service.
 - i. Take steps to protect the water supply and sewage system if threatened by the effects of a hazardous materials incident.
 - j. Assist with search and heavy rescue operations as required under the direction of the Incident Commander.
 - k. Conduct damage assessments for roads, bridges, etc., and report information to the Damage Assessment Coordinator.
 - l. Coordinate restoration or utility services, especially for critical and essential facilities.
 - m. Participate in cleanup and recovery operations.
 - n. Inspect, designate, and demolish hazardous structures.
 - o. Drain flooded areas where necessary.

- p. Following an earthquake, determine the safety of: emergency operations facilities, public shelters, reception and care centers, and evacuation routes (including airstrips/airports).
- 3. The private utility companies are responsible for the direction and control of the services they provide to their customers. These companies are not under the day-to-day control of the county and city governments. Specific tasks include:
 - a. Coordinate activities with the EOC (i.e., restoration of services).
 - b. Support Resource and Supply with equipment, manpower, etc.

V. DIRECTION AND CONTROL

- A. All Public Works operations will be controlled and coordinated from the EOC.
- B. The Public Works Coordinator and a representative from the Special Road Districts will locate to the EOC and operate from there. Public Works personnel in the field will keep the EOC informed of their activities.
- C. Outside resources will be under the direct control of their own supervisors, but will be deployed by the EOC and assigned missions by the site commander.

VI. CONTINUITY OF GOVERNMENT

- A. Line of Succession
 - 1. The line of succession for the Christian County Public Works Coordinator is:
 - a. County Commissioners, who delegate authority to:
 - b. County Road & Bridge Supervisor
 - 2. The line of succession for the various Special Road District will be through their Board of Commissioners.
 - 3. The line of succession for each municipal public works department will be according to their established standard operating procedures.
- B. Emergency public works operations will be conducted from the EOC. If the EOC becomes inoperable or unusable, an alternate EOC would be utilized (see the Response Section of the Incident Management Guide).

VII. ADMINISTRATION AND LOGISTICS

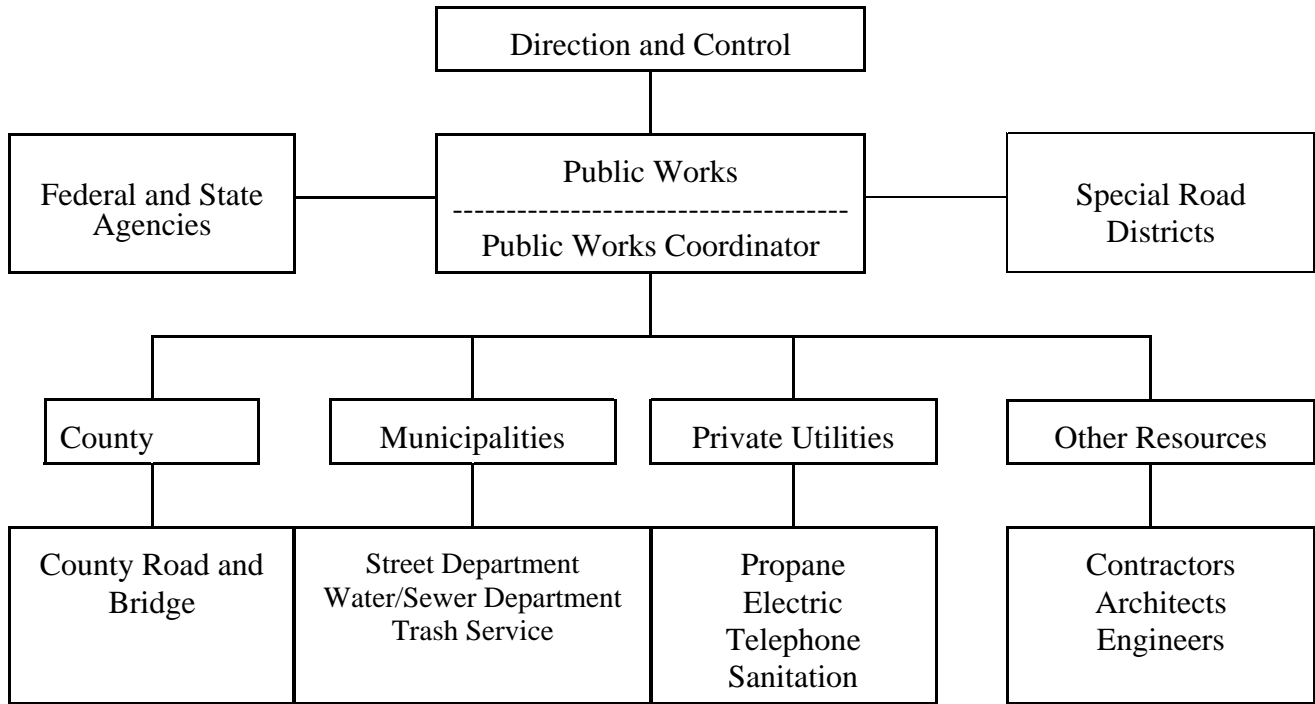
- A. Overall administration of the Public Works services will be by normal day-to-day procedures. Any deviation from normal procedures must have approval of the chief elected official (i.e., hiring outside contractors, emergency supply purchases, etc.).
- B. Public Works services must provide necessary logistical support for food, emergency power, fuel, etc., for response personnel during emergency operations. In most situations, however, the Resource and Supply Section will be available to assist with supply matters.

APPENDICES

Appendix 1 Public Works Diagram

Appendix 2 Database of Resources (Available in the Resource/Equipment Section of the Incident Management Guide)

PUBLIC WORKS DIAGRAM



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